

Record.

Muhlenberg County

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50c. PER YEAR, IN ADVANCE

TO STUDY ROAD CONDITIONS

Data Being Sought Looking Toward Standardized System of Local Road Management.

Detailed studies of local road building systems in 100 counties are now being carried on by the department of agriculture in co-operation with the state highway departments and local

The purpose of this study is to discover the points of excellence and defects in existing local methods of building and maintaining roads which will aid the state authorities to put local road management on a systematized basis. The co-operating state authorities have been asked to designate counties that present typical and exceptional features as to topography. character of road materials, methods of construction and maintenance, administrative organization, methods of road financing and traffic conditions. From these lists 100 counties will be selected, and in these counties the division of road economics will make intensive studies

This investigation is prompted by the fact that there is at present very little knowledge as to the most effective and economical methods by which a county can develop its roads. At present the methods of financing local road improvements vary from



Rolling a Road Surface.

calling on farmers for a certain number of days labor in lieu of a road tax, or the use of county prisoners in road construction, to bond issues or maintenance of roads from dramshop license funds.

The department will study all of these systems with the view to determining what system or combination of systems works best in actual practise.

There is, however, at present no standard system of keeping accounts for road building and maintenance, and as a result, while some counties know to a penny the purpose for which money was spent, others have no definite check or reporting system, Among various counties with the same conditions, cost for excavation or other labor is anything but uniform, and many countles, because of the absence of definite knowledge, fail to use local and cheap materials and construct roads which are unnecessarily expensive for their purpose, or which will wear out before the bond issues are redeemed. The investigation will include a careful study of the use of con-

vict labor in road construction. In connection with the scientific study, the department's highway engineers will advise freely with local ficials as to improvements, and thus give each county visited the advan tage of direct co-operation, engineer-

ing supervision and assistance. These investigations, it is believed will yield important economic data bearing especially on the benefits and burdens of road Improvement and showing the extent to which financial outlay under given typical conditions

The heads of state highway departments are manifesting great interest and are co-operating cordially in this work. These data when obtained will be published and thus made accessible to all county and state road officials.

Letting Sun Shine on Highway. The earth road should have at least six hours of sunshine each day. This can be obtained either by locating the road with southern or western exposure or by having such brush and trees as impede the drying action of the sun and wind removed. With gravel and stone roads this is not so necessary, as a certain amount of moisture is needed on such roads, especially in the sum-

Brings Market Nearer. The good road brings the market nearer to your farm and adds materi. ally to the value of the place, whether you want to sell or live there.

Seeking Dry Roadbeds. Roads should never be located so close to stream beds as to be subject to overflow, or on ground which is constantly demp and marshy.

Every Citizen Interested. A highway is no longer of purely local interest. Every citizen of a state

is interested in the roads.

Governors' Day at the State Fair



TOTABLE visitors "snapped" while enjoying date dedicated to the chief executives of Kentucky and Indiana at the Kentucky State Fair in 1913. In the foreground are Governor James B. McCreary of Kentucky, Governor Ralston of Indiana, Adam Heimberger, chairman of Indiana day; ex-Mayor W. O. Head of Louisville and H. M. Froman, member of state board of agriculture. Thursday, Sept. 17, has been designated as Governors' Day and Indiana Day for the twelfth annual Kentucky State Fair to be held Sept. 14-19 of this



EFFECT OF OATS ON FLAVOR

teresting Experiments Conducted by Department of Agriculture on Feed Given Cows.

The department of agriculture reently reported the result of experinents to test the effect of onts on m's showed that oats do not have the benedicial effects on the flavor of milk which many dairymen believe. corn and bran constituted the ration tested against oats, the public has gained the impression erroneously that the department recommends the feeding of corn and bran to improve the flavor of milk. Of fifty opinions expressed regarding the flavor of the samples, twenty-five preferred the milk from cows fed corn and bran. As sixteen preferred the milk from cows fed oats and nine expressed no choice, it does not appear that either ration has any decided advantage over the other. There can be no great superiority in the bran and corn when one-half of the opinions were either indifferent or were in favor of the other milk. In view of these experiments the department does not recommend the feeding of bran and corn to improve the flavor of milk. Oats, corn, alfalfa, hay, cottonseed meal, linseed meal, bran, gluten and other good feeds for dairy cows when properly fed in reason able amounts produce a fine-flavored

The relative prices of the different feeds will determine in most cases which are to be preferred in making up a ration for dairy cows.

milk, but there is no substantial evi-

dence that any one of them is su-

perior to any of the others in this

KEEPING REFUSE FROM MILK

Several Advantages Seen in Invention of Illinois Man-Holder Projects From Seat.

An Illinois man has designed a milking stool that has several distinct advantages over the old style. One of these advantages is a revolving seat, which enables the milker to turn easily in any direction. But the chief feature is the holder for the pall that receives the milk. This holder consists of a circular platform that projects from beneath the seat on a curved arm. It supports the pail six or eight inches above the ground and the advantage of this is at once apparent to any one



Improved Milk Stool.

who knows about milking. The bottom of the pail does not get dirty and there is no danger of refuse from the barnyard or stable getting into the liquid itself, as there otherwise would be. If the inventor had only designed the stool so that it could not be kicked over he would have achieved another

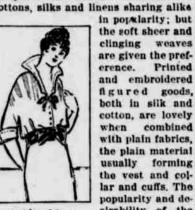
IN SEPARATE WAISTS

MOST PICTURESQUE STYLES ARE OFFERED.

Essentially Feminine, and the Materi als of Which They May Be Made Are Practically Innumerable -The Kimono Shoulder.

By MARY DEAN. Separate waists are a feature of the smart wardrobe this season-not the dirtweist type, but a picturesque nost severe models could possibly be

called shirtwaists, for they have no semblance whatever to the masculine other extreme, and are very feminine. The materials used for their development are almost innumerable cottons, silks and linens sharing alike in popularity; but the soft sheer and clinging weaves



the vest and collar and cuffs. The popularity and desirability of the crepy weaves of silk and cotton are too well established to dwell upon. The fact that cottons of this class do not require ironing, places them at the top of the list of materials for warm weather

when combined

with plain fabrics,

Linens are more used for blouses this season than they have been for a long time. The soft fine French weaves are the ones selected, and they are charming in the vivid colorings now in vogue. Smart high rolling collars of the same weave of white linen usually complete blouses of this style, which are especially intended for

street and business wear. Even for these linen waists, which as waists go today are of rather severo type, the V neck and three-quarter length sleeves hold good. This year Mrs. Grundy has either forgotten to speak or her warnings of propriety are not heeded, for the most conservative dressers dare this style of blouse for wear on all occasions.

A charming little linen blouse is shown in the new shade of tango red, the linen being of the sheerest weave, and it is made perfectly plain,

save for groups of tiny pintucks across the shoulders, which gave the necessary fulness to the blouse. There is a high standing Medici collar, vest and turnback cuffs of sheer white linen. with hemstitched edges. A black velvet ribbon encircled the neck

Chenille Marquisette.

and is tied in a bowknot below the V opening. Most attractive little organdle blouses are also made upon the same lines, and come in all the delicate tints-pink, blue, lavender and green; and they all have collar and cuffs of white, with hamstitched or picot edges.

Of course the kimono shoulder is the rule, whether the whole sleeve is cut in one with the waist, or whether the shoulder is draped and a short Equare sleeve is set in



ARABIAN BLOOD .. HOT. Claimed Greatest Perfection in Animals Cannot Be Attained Unless Conditions Are Favorable.

By some authorities it is claimed that the hardiness of Arabian horses may be attributed to the fact that they were bred and reared for thousands of years under the most adverse conditions. Other writers claim, and justly too, that only the best environment can bring out the best qualities California and the in man and beast-that the greatest perfection in animals cannot be at tained unless conditions are favorable How then can we accredit the desert, the sun-parched plains of Two trains daily Arabia, to be the home of the beauti-



Typical Arabian Horse.

point toward the grassy slopes and the foothills of the Caucasus mountains, where physical conditions are so similar to those we have along the foothills of the Rockies, where a dry chmate and moderate rainfall make good pasture but without the tendency to make a soft spongy hoof.

Commenting upon the statement

that the Arab blood used so long ago, can leave no trace in our present breeds in this country, an authority says: "And though it can scarce be doubted that, in the very commencement of turf-breeding there must have been some mixture of the best old English blood, probably in great part of Spanish by descent, with the true Arab or Barb race, the impure admixture is so exceedingly remote, not within fourteen or fifteen generations, that the present race horse of England and North America cannot possess one-sixteen-thousandth part of any other blood than that of the desert." It is a long time since the horses

Messenger, Diomed, Mambrino, Justin Morgan, Bashew, Spark, Selina, Blaze, Fearmaught, Traveler and Ethan Allen lived, yet our best stock traces back to them. Without Justin Morgan there would be no Morgan horse. Justin Morgan was rich in Arab blood. Messenger and Dlomed were of like parentage. The berutiful coach horses known as the Hackney trace their lineage to the Arabian breed. At Forc Collins, Colo., where the department of agriculture is now trying to perfect a new type of carriage horse there is at the head of that stud Carmon, who carries in his veins the blood of the Arab. The grace and beauty of the powerful and massive Percheron are due to the Arab lineage which has removed that coarseners which prevails with many breeds of draft horses



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STOMACH FOR FIVE YEARS

Majority of Friends Thought Mr. taking other medicines. I decided to Hughes Would Die, But One Helped Him to Recovery.

Pomeroyton, Ky .- In interesting advices from this place, Mr. A. J. Hughes Draught has done for me." writes as follows: "I was down with stomach trouble for five (5) years, and found a very valuable medicine for dewould have sick headache so bad, at rangements of the stomach and liver. It times, that I thought surely I would die. is composed of pure, vegetable herbs, I tried different treatments, but they contains no dangerous ingredients, and did not seem to do me any good.

I got so bad, I could not eat or sleep, used by young and old, and should be and all my friends, except one, thought I kept in every family chest. would die. He advised me to try Get a package today. Thedford's Black-Draught, and quit Only a quarter.

take his advice, although I did not have any confidence in it.

I have now been taking Black-Draught for three months, and it has cured mehaven't had those awful sick headaches since I began using it.

I am so thankful for what Black-

Thedford's Black-Draught has been acts gently, yet surely. It can be freely



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